



# American International Chemical, Inc.

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## MATERIAL SAFETY DATA SHEET

### TETRACYCLINE HYDROCHLORIDE USP

#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

American International Chemical, Inc. 135 Newbury Street Framingham, MA 01701	Emergency Number: Chemtrec Information Number:	800-424-9300 703-527-3887 800-238-0001
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Date: August 2007

Synonyms: None

CAS #: 64-75-5

DOT Hazard Class: Not Regulated

#### SECTION 2 - COMPOSITION AND INFORMATION ON INGREDIENTS

Tetracycline Hydrochloride – 100%

#### SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: A yellow crystalline odorless powder that may cause some irritation to the respiratory tract and skin.

POTENTIAL HEALTH EFFECTS:

**Skin:** May cause skin irritation.

**Eyes:** May cause irritation or burning.

**Inhalation:** May cause irritation to the respiratory tract.

**Ingestion:** Not a hazard with normal industrial usage.

CARCINOGENICITY: Not Identifiable

#### SECTION 4 - FIRST AID MEASURES

**General Information:** Remove from exposure. Remove contaminated clothing. Persons developing serious hypersensitivity reactions must receive immediate medical attention.

Eyes: Flush with copious quantities of water.

Skin: Flush with copious quantities of water.

Inhalation: Remove to fresh air.

Ingestion: Flush out mouth with water.

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### **SECTION 5 - FIRE FIGHTING MEASURES**

Flash Point: Not Applicable

Flammable Limits: Not Applicable

Extinguishing Media: Use media that is appropriate to treat surrounding fire.

Special Fire Fighting Procedures: Use fire fighting procedure that is appropriate to treat surrounding fire. All firefighters should use self-contained breathing apparatus and full fire-fighting turnout gear.

Unusual Fire Explosion Hazard: None Known

Auto Ignition Temperature: Not Applicable

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### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Isolate hazard area and deny entry to unnecessary or unprotected personnel.

Contain spill, sweep up, collect and place in a disposal container. Avoid runoff into storm sewers and ditches which lead to waterways.

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### **SECTION 7 - HANDLING AND STORAGE**

Avoid contact with skin, eyes and clothing. Use with adequate ventilation. Avoid breathing dust. Use normal personal hygiene and housekeeping. Store in cool dry area away from other incompatible materials. Product is slightly hygroscopic and should be stored in a dry area to prevent moisture pick up and caking.

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### **SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**

RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirators.

VENTILATION REQUIREMENTS: Ventilate as necessary to eliminate dust from the work area and maintain concentrations below the limit.

SKIN AND EYE PROTECTION:

Use rubber or neoprene gloves, chemical goggles and clothing sufficient to protect skin from dust.

WORK, HYGIENIC PRACTICES:

As required to protect skin and eyes from dust, safety showers and/or eye wash should be available. Do not leave food or smoke in work area. Wash thoroughly and remove or clean any contaminated clothing.

EXPOSURE LIMITS: None Established

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: Not Applicable

Vapor Pressure (MM Hg): Not Applicable

Vapor Density (AIR=1): Not Applicable

Specific Gravity (H<sub>2</sub>O=1): Not Available

Percent Volatile by Volume (%): Not Applicable

Melting Point: Not Available

Evaporation Rate (Butyl Acetate=1): Not Applicable

Solubility in Water: Appreciable

pH: Not Applicable

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## **SECTION 10 - STABILITY AND REACTIVITY**

CHEMICAL STABILITY: Stable under normal temperatures and pressures.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: When heated to decomposition, material emits toxic fumes.  
Emits toxic fumes under fire conditions.

KEEP AWAY FROM: High temperature and moisture.

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## **SECTION 11 - TOXICOLOGICAL INFORMATION**

LD <sub>50</sub> ORAL-Rat	6443 mg/kg
TDLO ORAL-Man	200 mg/kg/7D-I
LD <sub>50</sub> Subcutaneous Rat	700 mg/kg

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## **SECTION 12 - ECOLOGICAL INFORMATION**

The product has an effect on the environment, aquatic toxicity.

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## **SECTION 13 - DISPOSAL CONSIDERATIONS**

Tetracycline Hydrochloride

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Dispose of in accordance with all federal, state and local regulations.

RCRA WASTE #: Not Listed

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**SECTION 14 - TRANSPORTATION INFORMATION**

D.O.T. SHIPPING NAME:.....Tetracycline Hydrochloride

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**SECTION 15 - REGULATORY INFORMATION**

OSHA STATUS: Not Listed

TSCA STATUS: Listed

CERCLA REPORTABLE REQUIREMENTS: (RQ) None

SARA TITLE III INFORMATION:

Section 302 Extremely Hazardous Substance: Unlisted

Section 313 Toxic Chemicals: Unlisted

Section 311/312 Hazard Category: Not Considered a Hazard.

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**SECTION 16 - OTHER INFORMATION**

Reason for Issue: Changed Date

**This information is given without any warranty or representation. It is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. American International Chemical, Inc., shall not be held liable for any damage resulting from handling or contact with the above product. It is offered solely for your consideration, investigation and verification.**

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